

Title (en)

MATRIX EXTRACELLULAR PHOSPHOGLYCOPROTEIN (MEPE) VARIANTS AND USES THEREOF

Title (de)

MATRIXEXTRAZELLULÄRE PHOSPHOGLYKOPROTEIN (MEPE)-VARIANTEN UND DEREN VERWENDUNGEN

Title (fr)

VARIANTS DE PHOSPHOGLYCOPROTÉINE DE LA MATRICE EXTRACELLULAIRE (MEPE) ET LEURS UTILISATIONS

Publication

**EP 3927843 A1 20211229 (EN)**

Application

**EP 20709932 A 20200207**

Priority

- US 201962806939 P 20190218
- US 201962862842 P 20190618
- US 2020017189 W 20200207

Abstract (en)

[origin: US2020263251A1] Methods of treating patients having decreased bone mineral density and/or osteoporosis, methods of identifying subjects having an increased risk of developing decreased bone mineral density and/or osteoporosis, and methods of diagnosing decreased bone mineral density and/or osteoporosis in a human subject, comprising detecting the presence of Matrix Extracellular Phosphoglycoprotein (MEPE) predicted loss-of-function variant nucleic acid molecules and polypeptides in a biological sample from the patient or subject, are provided herein.

IPC 8 full level

**C12Q 1/6883** (2018.01)

CPC (source: EP IL KR US)

**C12N 15/1096** (2013.01 - IL US); **C12Q 1/6883** (2013.01 - EP IL KR US); **C12Q 2600/106** (2013.01 - IL US);  
**C12Q 2600/156** (2013.01 - EP IL KR US)

Citation (search report)

See references of WO 2020171979A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2020263251 A1 20200820**; AU 2020224073 A1 20210916; AU 2020224073 A8 20211007; CA 3130092 A1 20200827;  
CN 113544285 A 20211022; EP 3927843 A1 20211229; IL 285622 A 20210930; JP 2022520660 A 20220331; KR 20210136037 A 20211116;  
MX 2021009979 A 20211210; SG 11202108764S A 20210929; WO 2020171979 A1 20200827

DOCDB simple family (application)

**US 202016784829 A 20200207**; AU 2020224073 A 20200207; CA 3130092 A 20200207; CN 202080019807 A 20200207;  
EP 20709932 A 20200207; IL 28562221 A 20210815; JP 2021547855 A 20200207; KR 20217030161 A 20200207; MX 2021009979 A 20200207;  
SG 11202108764S A 20200207; US 2020017189 W 20200207